

Docket No.: M4065.0346/P346-A
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Wen Li et al.

Application No.: Not Yet Assigned

Filed: Concurrently Herewith

Art Unit: 2185

For: A METHOD AND APPARATUS FOR
PROVIDING SYMMETRICAL OUTPUT
DATA FOR A DOUBLE DATA RATE
DRAM

Examiner: N. Patel

INFORMATION DISCLOSURE STATEMENT (IDS)

MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Copies of the references on the PTO/SB/08 are not provided.

Those patent(s) or publication(s) which are marked with a double asterisk (**) next to the Cite No. in the attached form PTO/SB/08 are not supplied because they were

previously cited by or submitted to the Office in a prior application number 09/653,409, filed August 31, 2000 and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. M4065.0346/P346-A. A duplicate copy of this paper is enclosed.

Dated: January 20, 2004

Respectfully submitted,

By 

Thomas J. D'Amico

Registration No.: 28,371

Gianni Minutoli

Registration No.: 41,198

DICKSTEIN SHAPIRO MORIN &
OSHINSKY LLP

2101 L Street NW

Washington, DC 20037-1526

(202) 785-9700

Attorneys for Applicant

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Wen Li
				Art Unit	2185
				Examiner Name	N. Patel
Sheet	1	of	1	Attorney Docket Number	M4065.0346/P346-A

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
**	AA	5,841,580	11/24/1998	FARMWALD et al.	
**	AB	5,953,263	09/14/1999	FARMWALD et al.	
**	AC	5,969,551	10/19/1999	FUJIOKA	
**	AD	6,044,032	03/28/2000	LI	
**	AE	5,917,760	06/29/1999	MILLAR	
**	AF	6,016,282	01/18/2000	KEETH	
**	AG	6,035,365	03/07/2000	FARMWALD et al.	
**	AH	6,038,195	03/14/2000	FARMWALD et al.	
**	AI	6,067,592	05/23/2000	FARMWALD et al.	
**	AJ	6,101,152	08/08/2000	FARMWALD et al.	
**	AK	5,614,845	03/1997	MASLEID	
**	AL	6,002,281	12/1999	JONES et al.	
**	AM	6,212,126	04/2001	SAKAMOTO	
**	AN	6,031,402	02/2000	WANG et al.	
**	AO	5,422,835	06/1995	HOULE et al.	
**	AP	5,914,996	06/1999	HUANG	
**	AQ	5,535,187	07/1996	MELAS et al.	
**	AR	5,467,464	11/1995	OPRESCU et al.	
**	AS	4,682,343	07/1987	PIFFNER	
**	AT	5,964,880	10/1999	LIU et al.	
**	AU	5,734,685	03/1998	BEDELL et al.	
**	AV	6,016,282	01/2000	KEETH	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. ¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
**	CA	WEN LI et al., "METHOD AND APPARATUS FOR OUTPUT DATA SYNCHRONIZATION WITH SYSTEM CLOCK IN DDR," filed June 1, 2000.	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.